

## A G E N D A



## Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	16208	Agenda Number	56.
Meeting Date:	June 28, 2012			
Department:	Purchasing			
Subject				
Authorize award, negotiation and execution of a contract with TELVENT USA, LLC., or one of the other qualified offerors to RFP No. AAA0033, to provide Advanced Distribution Management System (ADMS) – Supervisory Control and Data Acquisition (SCADA) software, hardware, implementation services, training and software maintenance and support services for Austin Energy, in an estimated amount not to exceed \$4,500,000, with four 12-month extension options for maintenance and support services, in an estimated amount not to exceed \$300,000 per extension option, for a total estimated contract amount not to exceed \$5,700,000.				
Amount and Source of Funding				
Funding in the amount of \$1,920,000 is available in the Fiscal Year 2011-2012 Capital Budget of Austin Energy. Funding for the completion of the initial contract and extension options is contingent upon available funding in future Capital and Operating budgets.				
Fiscal Note				
A fiscal note is attached.				
Purchasing Language:	Best evaluated proposal received			
Prior Council Action:				
For More Information:	Art Acuna, Senior Buyer / 512-322-6307			
Boards and Commission Action:	Recommended by the Electric Utility Commission.			
Related Items:				
MBE / WBE:	This contract will be awarded in compliance with Chapter 2-9C of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.			

### Additional Backup Information

This contract is to provide Advanced Distribution Management System (ADMS) – Supervisory Control and Data Acquisition (SCADA) software for Austin Energy. The ADMS project will upgrade and enhance the existing General Electric (GE) PowerOn Outage Management System (OMS) to a real-time, highly reliable Distribution Management System (DMS) platform. This system combines and enhances data from several core systems into one seamless operating environment providing the ability to analyze and process in real-time all available information in order to optimize the operation of the distribution system and expedite power restoration to Austin Energy customers. This contract includes the hardware, software, implementation services, training, software maintenance and support services required to upgrade to a next generation ADMS-SCADA system.

Some of the principle enhancements include:

- Integrated Voltage Var Control to optimize the system, reduce power losses, and apply conservation voltage reduction to reduce demand.
- Fault Location, Isolation, and Service Restoration to help locate faulted equipment, automatically isolate, and expedite power restoration by re-routing power and sending crews directly to area needing repair.
- State Estimation and Load Flow to increase operator situational awareness and minimize future costs to expand distributed grid intelligence.
- Leveraging other intelligent initiatives underway including Distribution Automation and Advanced Metering Infrastructure/Automatic Metering Reading (AMI/AMR) to further optimize the electric system.

By combining the added functionality above into a fully integrated system, ADMS-SCADA allows Austin Energy to continue to enhance customer service and reliability while still reducing operating costs. Without this upgrade, Austin Energy would continue utilizing the existing system which is not on a high-reliability platform. A single point of failure on the current system can and has brought down the entire outage management system which can extend outages and make it extremely difficult to track field personnel.

A City of Austin team with expertise in this area evaluated the proposals and unanimously chose this proposal as the best to provide these goods. Evaluation criteria evaluated included system requirements, experience, proposed schedule, exceptions to terms and conditions, and total evaluated cost.

This request allows for the development of an agreement with a qualified offeror that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected offeror, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified offeror and authorize contract negotiations with this provider.

### PRICE ANALYSIS

- a. Adequate competition
- b. One hundred and seventy notices were sent including eight MBEs and four WBEs. Four proposals were received, with no response from the MBE/WBEs.

### APPROVAL JUSTIFICATION

- a. Best evaluated proposal received.

- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet